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Sent: Fri 6/23/2017 4:40:41 PM
Subject: ERC review of the iAs draft Assessment
[Arsenic ToxReview Volume 1 \(6-21-17\).docx](#)
[Arsenic ToxReview Volume 2 \(Appendices A-E\) \(06-21-17\).docx](#)
[Arsenic ToxReview Volume 2 \(Appendices H-J\) \(06-21-17\).docx](#)
[iAs ERC Overarching Comments Shared thoughts 23 Jun 2017.docx](#)
[iAs draft charge questions for ERC 6.21.17.docx](#)

Hello ERC reviewers!

Thank you for agreeing to serve as reviewers for the NCEA Executive Review Committee (ERC) review of the iAs draft Toxicological Review. This is a high-level review for major issues, concerns, etc, with "deeper dives" performed only to the extent that you, our reviewers, feel to be necessary. We encourage you to freely contact each other to discuss ideas/issues as needed throughout this period, and we greatly value your time and contribution to this high priority NCEA product.

We are aiming to have a ~4 week review period, so we would like you to submit your major written comments by 07/21/2017. We then plan to schedule a discussion meeting ~1 week later, so that we can all formally get together and discuss your major observations and recommendations.

We have 3 lead reviewers, who will freely review the assessment as a whole, and will be the lead discussants during the subsequent ERC meeting:

- John Bucher (NTP)
- Vince Cogliano
- David Bussard

We also have 4 supplemental reviewers, who are free to review all the draft materials, but who should focus their efforts on specific topics (noted in parenthesis). While reviewing all the hazards, please focus your attention on the "causal" (bladder cancer, lung cancer, and diseases of the circulatory system) and "likely causal" (diabetes, pregnancy outcomes and neurocognitive effects) outcomes which are the 6 primarily

used on to derive reference/risk values and provide cost-benefit analysis estimates:

- Tom Bateson and Beth Radke (Epi hazard characterization, Risk of Bias/systematic review methods)
 - Please divide the relevant work between you as you see fit
- Todd Blessinger (Dose-Response)
- Pamela Noyes (Adverse Outcome Pathways/Mode of Action)

The iAs team has provided a concise summary/charge questions briefing sheet. Please read this first, and use these questions to guide, but not necessary limit, your review and feedback. Note that some elements of the questions are designed more for a NAS independent review panel (e.g. "If there are publicly available studies to identify other..."), so if you feel that you cannot specifically address some of the detailed sub-questions, please do not dwell on them.

For the purposes of this review, we are encouraging our reviewers to review and comment on the draft materials shared on our ERC SharePoint site, in the hopes that this will encourage dialog amongst reviewers throughout the review period, as well as facilitate the teams' consideration of feedback received. Dahnish has been kind enough to upload the materials, and they await you online (thanks Dahnish!). You can find the ERC SharePoint site here, and the files are in the "Inorganic Arsenic" folder (if you have problems with access, please contact Dahnish and Vicki, CC'ing me):

https://usepa.sharepoint.com/sites/ORD_Work/erc/SitePages/Home.aspx

In addition, I have uploaded a word file that you can use as a public workspace to share any overarching comments, thoughts, or ideas with each other throughout the review, as well as to the iAs team at the end of the ERC review period. This word file also includes a suggested scheme for describing the relative priority of major comments provide, if you desire to provide varying levels of feedback. If you wish to submit comments separately, that is also perfectly acceptable.

Lastly, I have attached the materials to this email as a back-up, in case you cannot access the SharePoint site during your review. Please do not hesitate to contact myself, Dahnish and Vicki if you encounter any problems; also please contact the iAs assessment managers, Janice and Allen, if you have assessment-specific questions.

Thank you again, and I greatly look forward to hearing your thoughts and suggestions in the weeks to come!

Jason Fritz

